USB DRIVERS - INSTALLATION PROCEDURES

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1. Preface

The USB drivers for Pacific Power Source products reside on the actual products and are detected by Windows when the USB control interface is connected. Upon detection, Windows will auto mount the USB drive and the user can use Windows Explorer to run the installation program.

If automatic installation is not desired or if any virus checking software present on the Windows PC flags any possible threats, it is possible to bypass the automated installation process and perform a manual driver installation instead. This manual process bypasses any executable installer and eliminates any real or perceived security threat.

This Application note describes the manual installation process in detail. This application not applies to all PPS Power Sources equipped with a USB control interface. At the time of publication, this includes the following model series:

- ADF Series
- AFX Series
- AZX Series
- LMX Series

2. Drivers overview

Once the power source's USB port is plugged in, the USB is recognized as a compound device of three components:

a) USB drive containing unit related documentation, installers and files.

b)   Virtual COM useful for emulation a RS-232/RS-485 connection.

c)   Virtual LAN. It installs a virtual network card with LAN communication to the unit.

The unit can be accessed by using virtual IP address 192.168.123.1 by default.
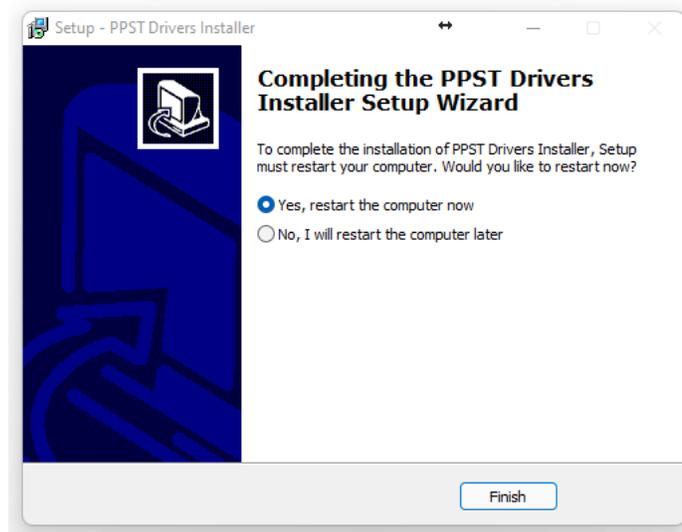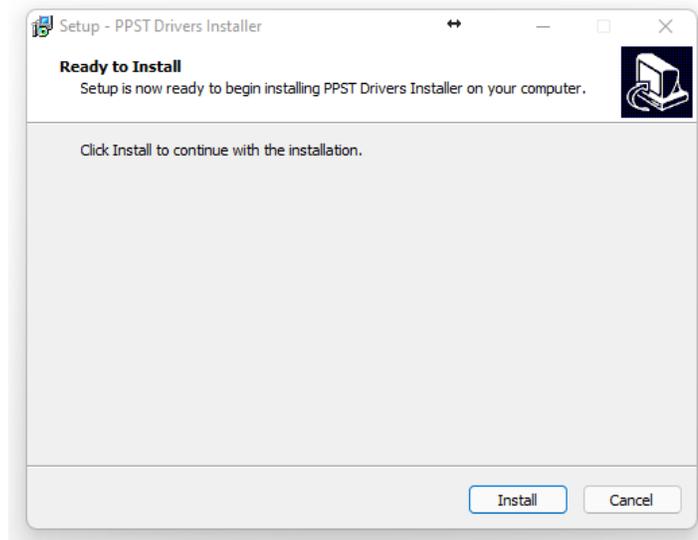
3. Automatic installation

For automatic installation, plug the unit in to a Windows 10 PC and run the "Drivers_Installer.exe" setup program.

The installer can be found on the USB drive that is automatically mounted by Windows when the unit's USB interface is plugged in.

The installers and drivers can also be download from our FTP server using:

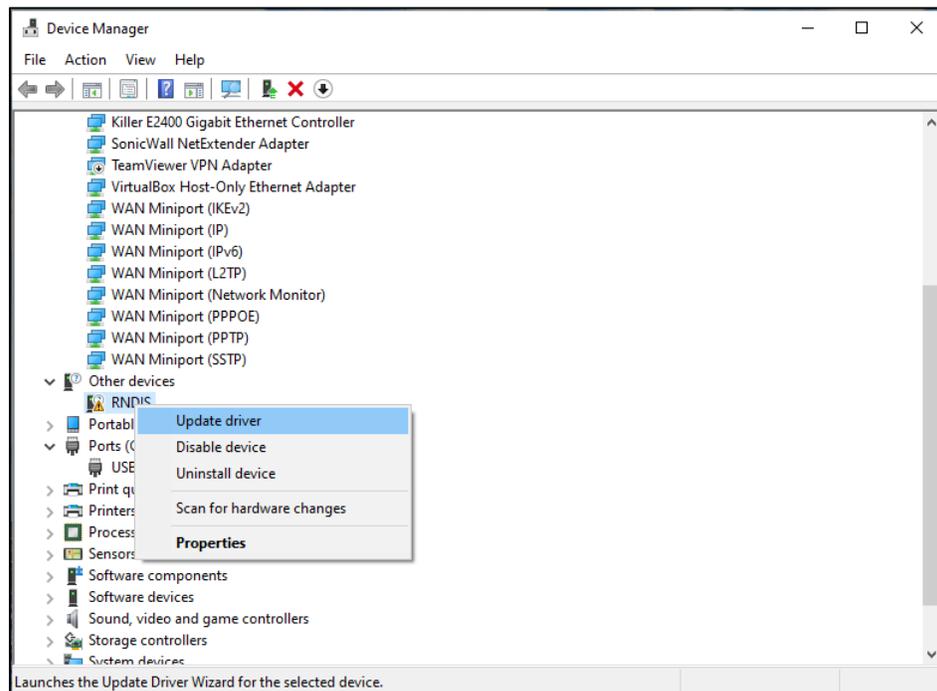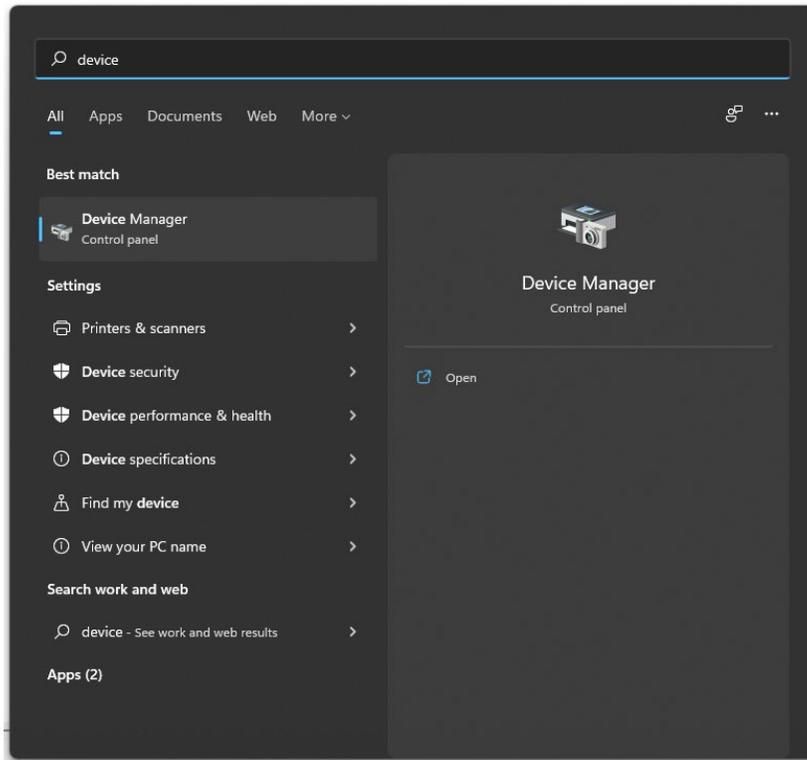https://files.ppstinc.net/get.asp?id=tuyibhdsA2Bup0yExrDoB3cm1EiJhwcv

This is a compressed file, it should be decompressed before it can be used.
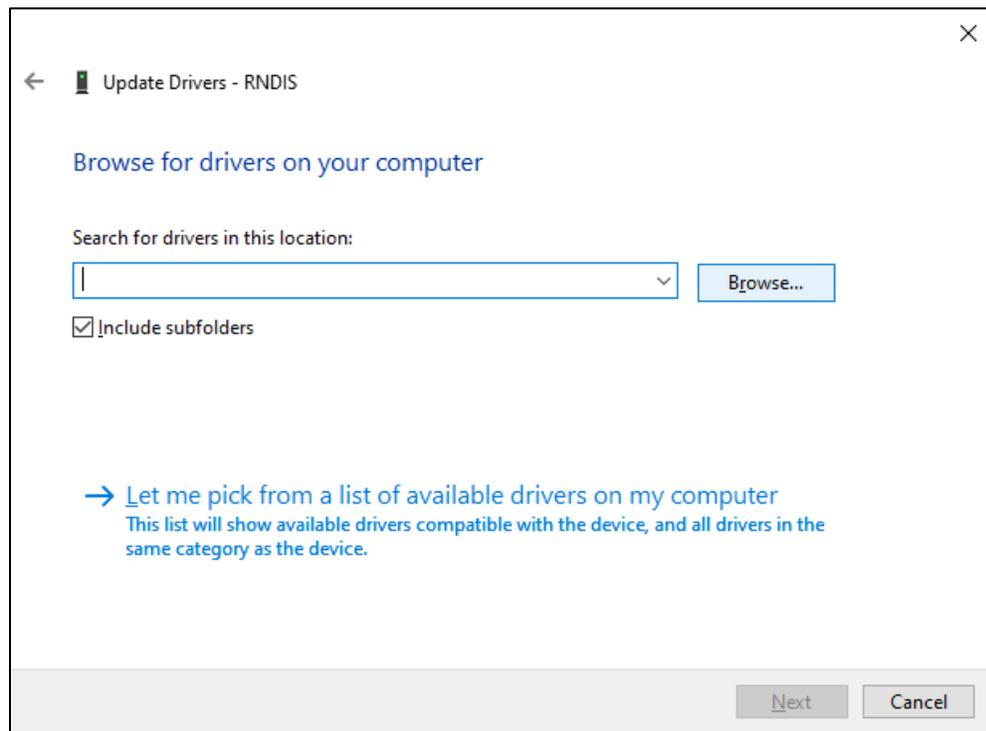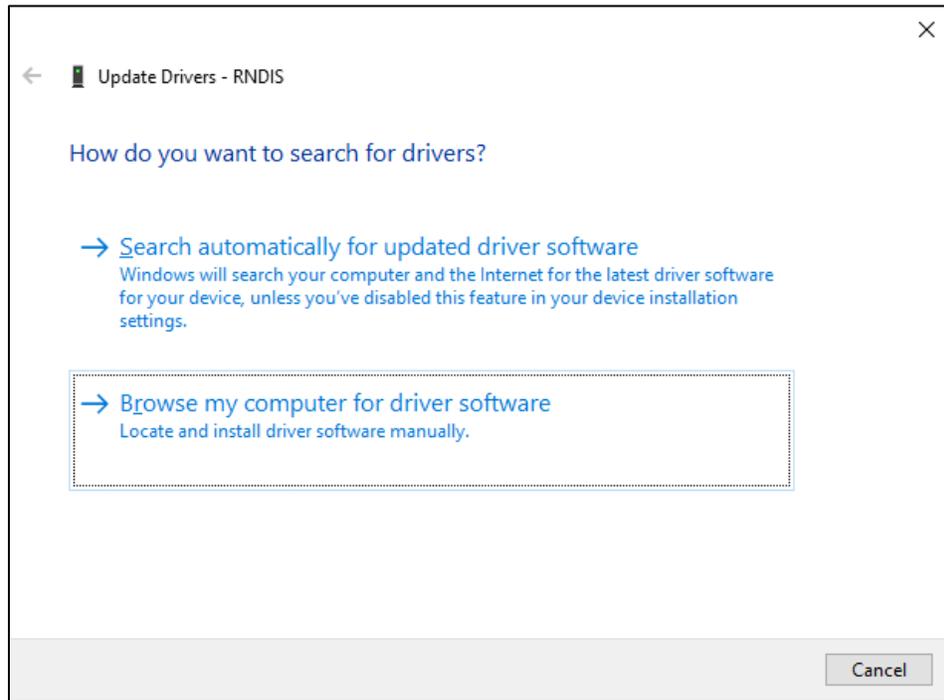
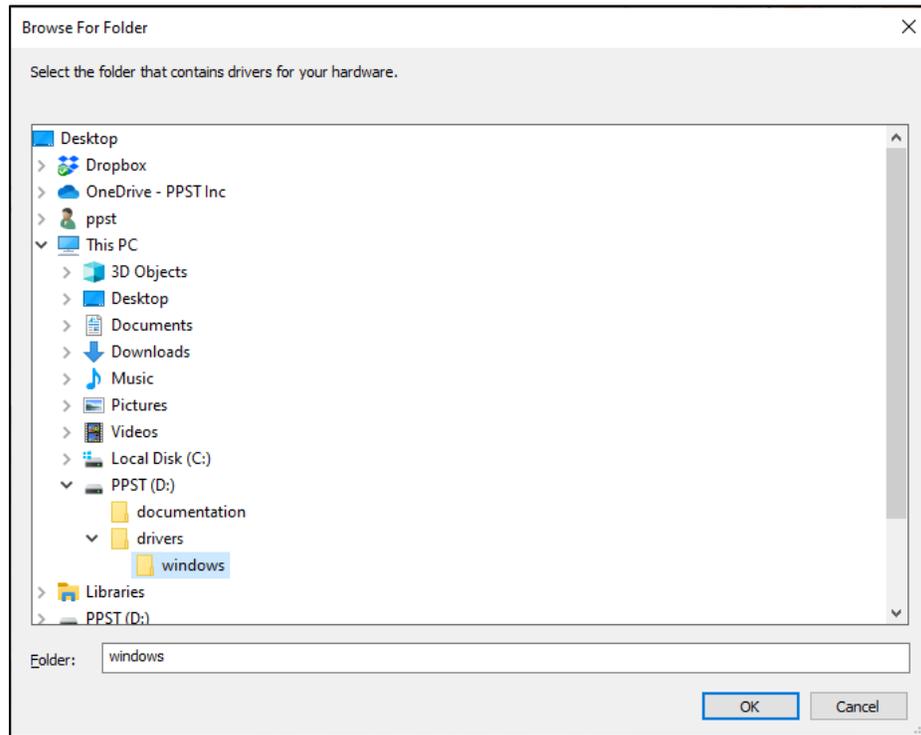2802 Kelvin Ave, Suite 100, Irvine, CA, 92614 USA

4. Manual installation

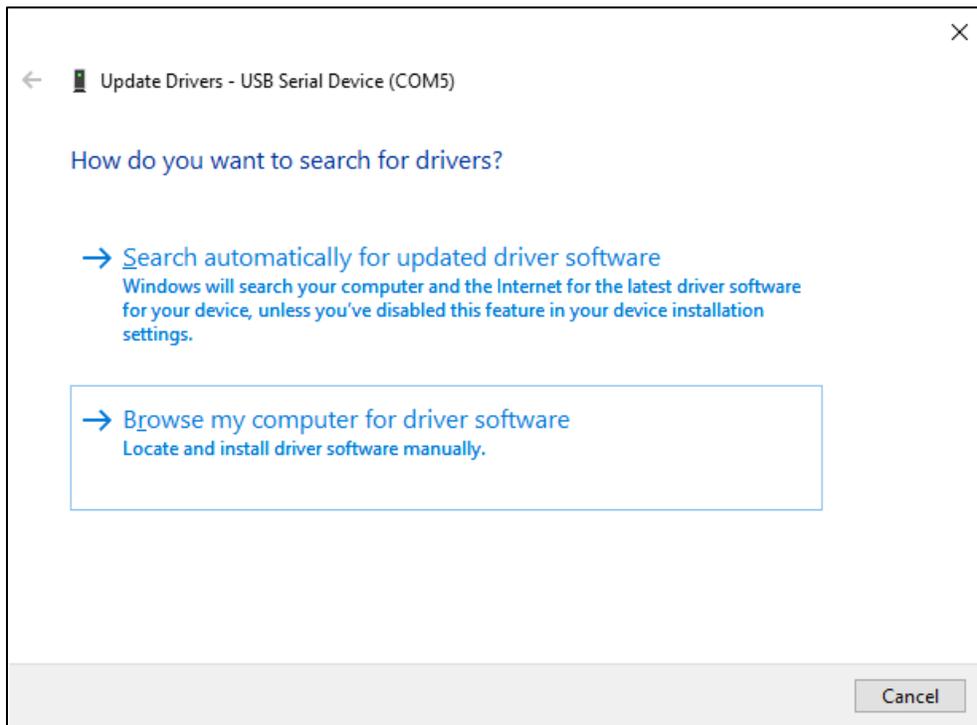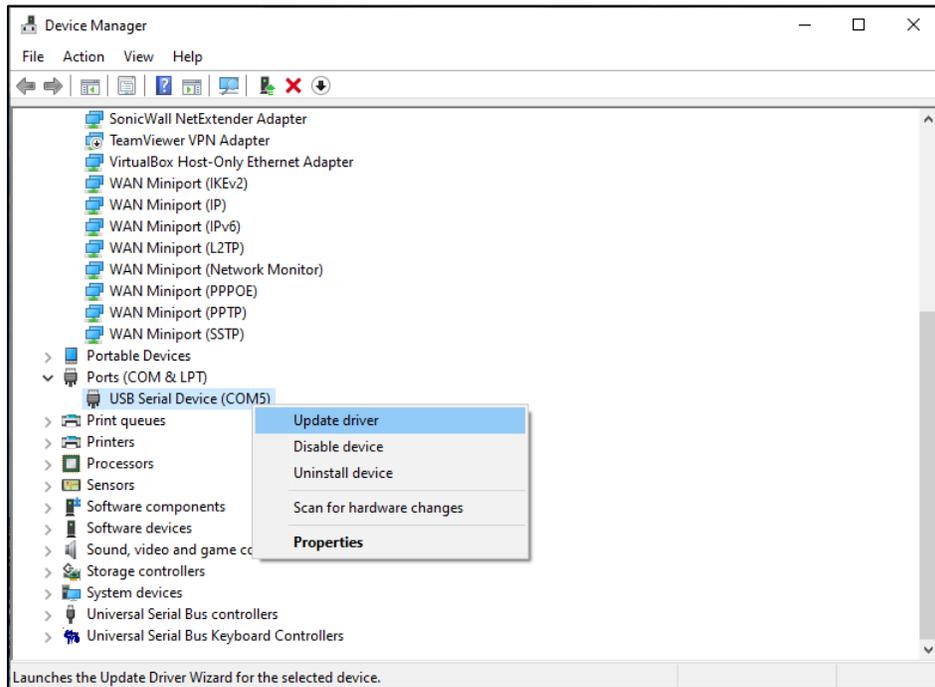After plugging the USB, open the Windows device manager.

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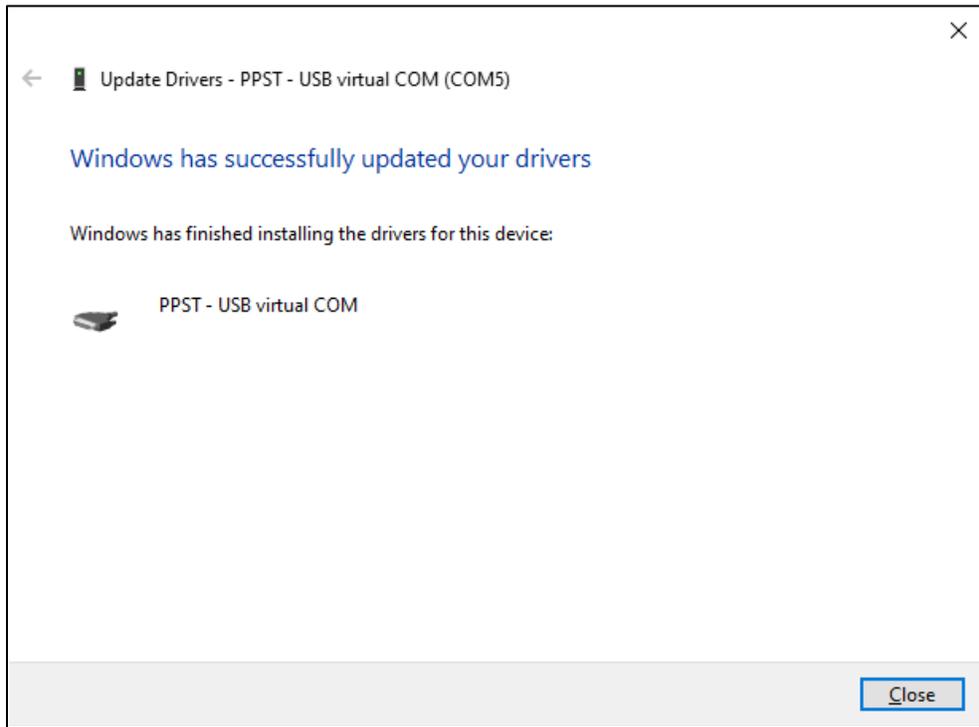Select "Browse my computer for driver software".

Select the folder "**PPST(D):\drivers\windows**" and click on "OK".
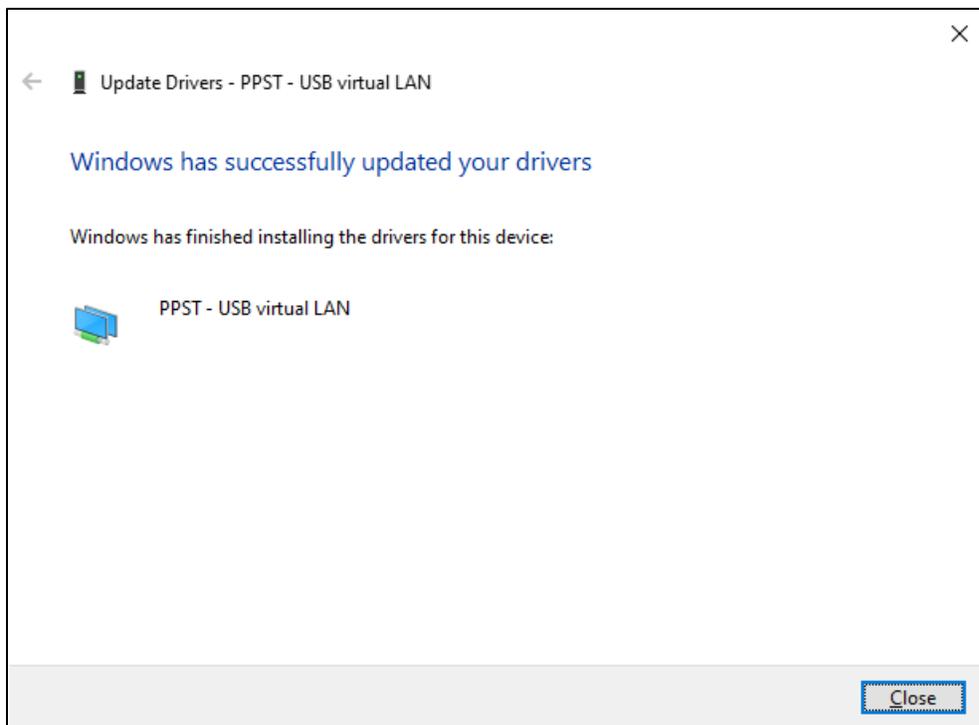
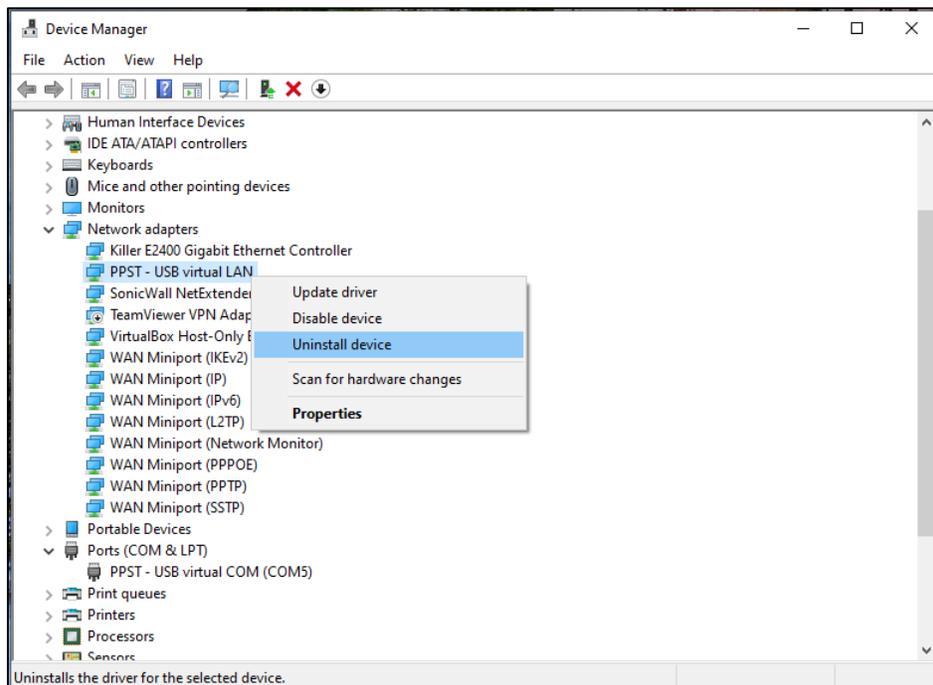On COM port corresponding to the unit. Right click and select "Update driver".

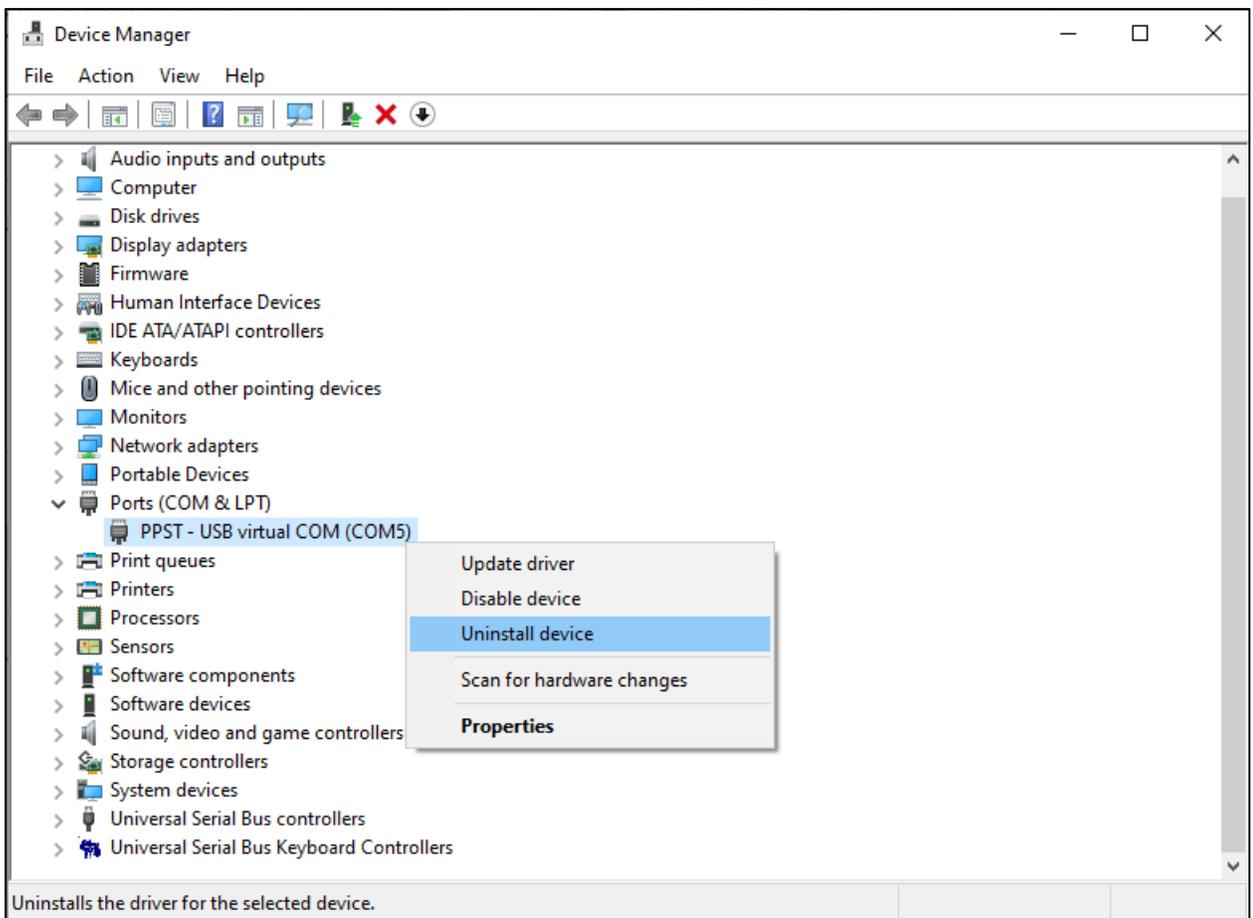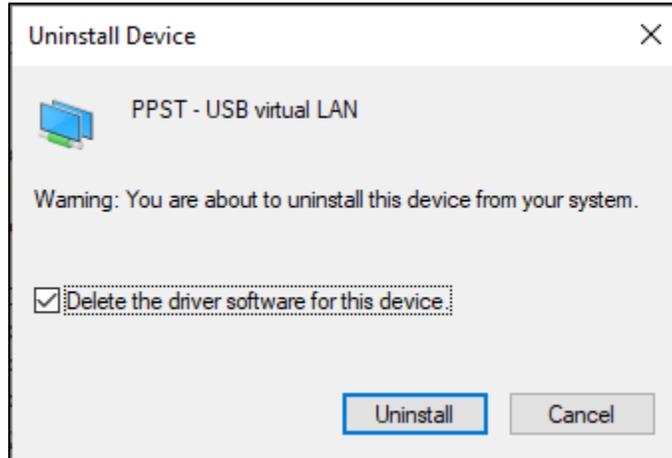The driver should install automatically.
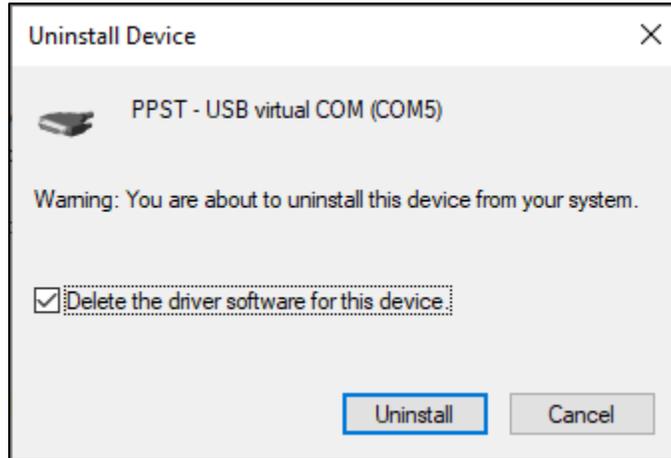

5. Manual uninstall with USB plugged in

Open the Device Manager and search "PPST – USB virtual LAN" into "Network adapters", right click on the device and select "Uninstall device".

Mark "Delete the driver software for this device." and click on "Uninstall" and wait for the operation finish.
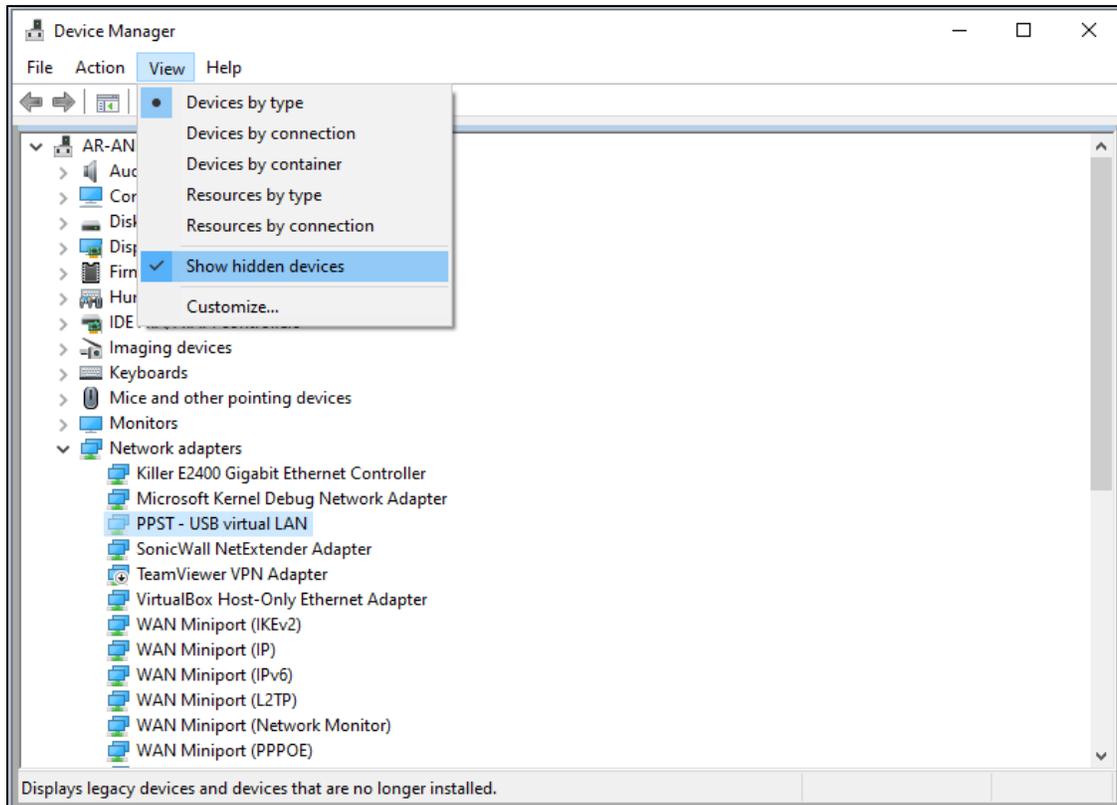
Mark "Delete the driver software for this device." and click on "Uninstall" and wait for the operation finish.

6. Manual uninstall with USB unplugged

If the power source is not connected to the PC is possible to uninstall any way by enabling the option "Show hidden devices" in the menu "View", after enabling this option the process is the same as before.

7. Troubleshooting

If the USB drivers stop working or if any of the three devices stop working, it is recommended to perform a manual **uninstall** with USB unplugged (Section 6) and then perform a fresh Manual **installation** (Section 4). If this does not fix the problem, please contact pacific power for support.

8. Customer Support

For application support, contact Pacific Power Source's Customers Service - Toll Free US: +1 (800) 854-2433 / support@pacificpower.com or your local authorized Pacific Power Source distributor.

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